



Collective Impact 2025 Korea- Singapore Impact Startup Demo Day

Brought to you by H-OnDream Startup Ground
Hyundai Motor Chung Mong-Koo Foundation

현대차
정몽구 재단
Chung Mong-Koo Foundation

 H-OnDream
Startup Ground


KOREA
SINGAPORE
1975-2025

Collective Impact
2025 Kore-Singapore
Impact Startup
Demo Day
in Singapore

Table of Contents

Introduction

- Hyundai Motor Chung Mong-Koo Foundation
- H-Ondream Startup Ground

Ecosystem Partners & Supporters

- Temasek Trust Co-Axis
- Temasek Foundation, Climate & Liveability
- The Korean Chamber of Commerce in Singapore(KORCHAM)

Participating start-ups

- SunGreenH2
- N&E Innovations
- 60 Hertz
- JOINANDJOIN
- Ait STUDIO
- Star Pickers
- Big Mobility

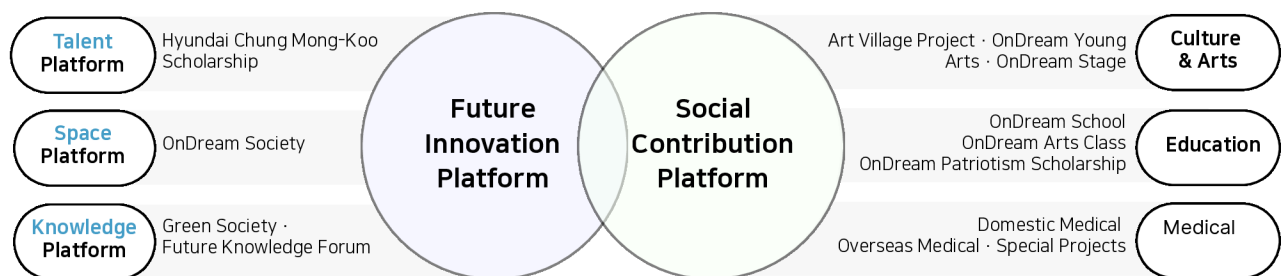
Organizer

현대차 정몽구 재단

Chung Mong-Koo Foundation



The Hyundai Motor Chung Mong-Koo Foundation is a non-profit organization established in 2007, based on the corporate social responsibility philosophy of Chung Mong-Koo, the Honorary Chairman of Hyundai Motor Group. The foundation's mission is to contribute to a sustainable society through sharing, with a focus on addressing various social issues through diverse support activities.



The foundation's main areas of activity include education, culture, the environment, and support for social enterprises. In particular, through the H-OnDream Startup Ground program, it identifies and nurtures impact startups that create social value. This program supports entrepreneurs aiming to build a sustainable society through innovative business models by providing them with financial support, global network building, co-working spaces, and other practical resources.



Furthermore, the foundation collaborates with various impact investors and accelerators, both domestically and internationally, to offer comprehensive support for startups' growth in the global market. Through these efforts, the foundation fosters sustainable social value creation and has established itself as a leading social impact hub in South Korea.

H-OnDream Startup Ground

Korea's Longest-Running and Largest Impact Startup Acceleration Program

A Program

**Supporting Impact Startup Entrepreneurs
for a Sustainable Future**



H-OnDream is a program dedicated to discovering, nurturing, and investing in impact startups.

Through this program, the Hyundai Motor Chung Mong-Koo Foundation aims to address complex social issues in collaboration with impact startups, using innovative business models and technology to create a sustainable future.



Human Centered

We support team members in enhancing their capabilities, helping them grow into leaders who drive innovation.



Heritage

As one of the most historically significant brands, we leverage our credibility and unique assets to create a new chapter in the history of H-OnDream



Honor

You can feel a sense of pride as a participant in H-OnDream, an experience that cannot be found in other support programs

Ecosystem Partners

TEMASEK TRUST

based in Singapore, is a steward of sustainability and impact, dedicated to building a more resilient and inclusive world through catalytic philanthropy and partnerships.



Its flagship platform, Co-Axis, is a digital catalytic capital marketplace that connects funders with impact enterprises and projects to accelerate scalable solutions for social and environmental good.

TEMASEK FOUNDATION

based in Singapore, is a non-profit organization that supports innovative projects to advance sustainability and liveability. Beyond climate action, Temasek Foundation drives innovations across energy, water, food, air quality, and sustainable urban systems, supporting projects with high potential for commercialization and real-world impact.



The Liveability Challenge is a global innovation platform, presented by Temasek Foundation and organized by Eco-Business, that seeks breakthrough solutions to urban challenges in tropical climates.



The Korean Chamber of Commerce in Singapore

싱가포르 한국상공회의소

The Korean Chamber of Commerce in Singapore (KORCHAM) represents over 200 Korean companies in Singapore. It promotes Korea-Singapore economic cooperation, fosters business networking, and advances ESG values to support healthy and sustainable growth for both communities.



SunGreenH2



UNLOCKING THE ENERGY TRANSITION WITH ADVANCED MATERIALS

SunGreenH2 is building the advanced materials manufacturing platform at the heart of the global energy transition — the “Intel/NVIDIA of electrochemistry.” Its proprietary NanoFuzeX™ technology enables scalable production of nanostructured electrodes and coatings from low-cost, earth-abundant materials, delivering breakthrough performance across electrolysis, fuel cells, batteries, and CO₂ conversion.



Our Value Proposition



Company Overview

- **Business Vertical:** Advanced Materials, Energy, Hydrogen
- **Client Type:** B2B
- **Funding Round:** Series A

Contact Info

- **Website:** www.sungreenh2.com
- **Email:** contact@sungreenh2.com
- **Phone:** +65 6693 7919

Problem

Across electrochemical industries, progress is constrained by:

- High-cost, inefficient electrodes using scarce precious metals
- Limited scalability of conventional catalyst manufacturing
- Energy-intensive processes that hinder decarbonisation efforts

Solution/BM

Solution:

NanoFuzeX™ Platform

- 100% PGM-free nanostructured materials
- Scalable manufacturing for industrial deployment
- ~2x hydrogen output with ~20% lower energy consumption
- Applicable across electrolysis, fuel cells, batteries, and Direct Air Carbo Capture

Market & Expansion

- **Initial Focus:** Multi-billion-dollar Green Hydrogen market
- **Applications:** Steel, Cement, Ammonia, and Refinery decarbonisation
- **Commercial Traction:** MW orders secured across six markets
- **Total Addressable Market:** >US\$100B for advanced electrochemical materials by 2030



N&E Innovations



N&E Innovations will continue to find solutions in safeguarding the future generations

N&E Innovations is a biotechnology company pioneering ViKang99, a patented antimicrobial compound (CAS No. 2633796-11-4) derived from upcycled cashew waste. Designed as a clean-label, eco-friendly alternative to chemical preservatives, ViKang99 helps food producers enhance food safety, extend shelf life, and reduce food waste sustainably.



Company Overview

- **Business Vertical:** Biotech, FoodTech, ESG
- **Client Type:** B2B & B2C
- **Funding Round:** Series A

Contact Info

- **Website:** www.vi-kang.com
- **Email:** didi.gan@vi-kang.com
- **Phone:** +65 9729 9118

Problem

- Over 2.5 billion tonnes of food are wasted globally each year, generating 9.3 billion tonnes of CO₂e emissions (UN FAO).
- Conventional antimicrobial agents are often toxic, non-biodegradable, and cause microbial resistance, posing safety and environmental challenges.

Solution/BM

- ViKang99 is the world's first patented antimicrobial developed from food waste, delivering 99.9% antibacterial efficacy and extending food shelf life by up to 2–4x.
- It replaces conventional chemical preservatives in food packaging and post-harvest treatments, providing a sustainable, high-performance alternative.
- ViKang99-based products are certified to reduce carbon emissions by up to 3x compared to conventional antimicrobials, directly supporting decarbonization and circular economy initiatives.



60Hertz

Energy AI Company for Energy Transition



60Hertz is an energy IT social venture that responds to climate change and creates a better future by expanding renewable energy based on IT technology. We help customers use energy efficiently and reduce carbon emissions through distributed energy management systems and renewable energy distribution services.



Company Overview

- **Business Vertical:**
Energy IT company
- **Client Type:** B2B & B2G
- **Funding Round:** Series A

Contact Info

- **Website:**
www.60hz.io
- **Email:**
hello@60hz.io
- **Phone:** +82 2 6954 0068

Problem

Smart Management of Distributed Energy Resources (DERs)

- The rapid growth of renewables demands smarter systems to integrate and optimize distributed energy resources in real time.

Accelerating an Accessible Energy Transition for All

- High costs and limited renewable access still hinder many companies from achieving RE100 goals despite global decarbonization efforts.

Solution/BM

Core Revenue (70%)

- B2B and B2G Energy IT Software Sales (EMS, AI-based optimization, energy data analytics).
 - **B2G Clients:** Korea Power Exchange, Korea Energy Agency, Korea Midland Power, etc.
 - **B2B Clients:** Hyundai Group, SK Group, Kakao Group, etc.

Secondary Revenue (20%)

- Trading and selling RECs (Renewable Energy Certificates) to large enterprises in Korea to help them meet RE100 targets.



JOINANDJOIN



A food-tech startup specializing in vegan, high-protein, and low-sugar desserts designed for modern nutrition.

Nuldam is a food-tech dessert company that focuses on creating vegan, high-protein, and low-sugar products. By combining advanced food technology with nutrition science, Nuldam aims to make healthy desserts accessible and enjoyable for everyone.

Nuldam



Company Overview

- Business Vertical: F&B
- Client Type: B2C
- Funding Round: Series A

Contact Info

- Website: www.joinandjoin.com
- Email: joinandjoin2017@gmail.com
- Phone: +82 70 4150 7941

Problem

Nuldam seeks to address these issues through plant-based innovation, offering desserts that are both sustainable and indulgent. By promoting vegan and eco-conscious desserts, we aim to reduce our environmental footprint while inspiring healthier, more mindful eating habits around the world.

Solution/BM

Nuldam develops vegan, high-protein, and low-sugar desserts crafted for today's modern, balanced lifestyle. Our mission is to make healthy eating both enjoyable and sustainable, without compromising on flavor or satisfaction.

Each product is:

- Scientifically formulated for optimal nutrition and taste
- Clean-label certified, using only natural, transparent ingredients
- Produced with advanced food technology, including:
 - Plant-based protein blending for superior texture and nutrition
 - Sugar-reduction technology to achieve natural sweetness with fewer calories
 - Flavor optimization using natural compounds to enhance taste and aroma

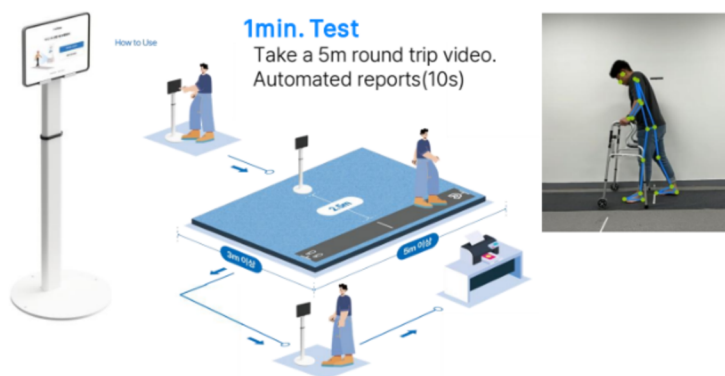


AiT STUDIO

AI-powered iPad Camera-Based Gait Analysis Solution



Gait is a key biomarker that reflects the condition of the brain, nervous system, and musculoskeletal system. MediStep offers AI-powered gait analysis that's easy for anyone to use, setting a new standard in medical and care environments.



Company Overview

- **Business Vertical:** Medical Device
- **Client Type:** B2B
- **Funding Round:** Pre-A

Contact Info

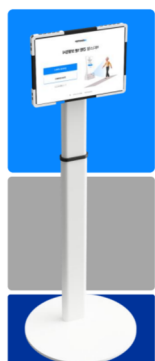
- **Website:** www.aitstudio.co.kr
- **Email:** amazing@aitstudio.co.kr
- **Phone:** +82 10 3235 1732

Problem

- **Aging Society:** Rising elderly population → increasing risks of sarcopenia, falls, and cognitive decline.
- **Inefficient Gait Assessment:** Current tests are expensive, time-consuming, and hospital-based.
- **Accessibility Gap:** Standard gait assessment is limited to specialized clinics, leaving welfare centers & community care underserved.

Solution/BM

MEDI STEP M Pro: Am easy and low-cost gait analysis device



SW Profit

Sales Fee

HW cost
(15%)

- iPad-based gait analysis powered by motion recognition AI.
- 95% accuracy compared to \$30K+ gold-standard motion capture systems (validated)
- 1-minute test & 10-second automated report with 40+ gait parameters.
- No special equipment/examiners needed – just a 5m walk video.
- Certified: K-FDA(MFDS) Class I medical device, ISO 13485.



Star Pickers Inc.



AIoT-powered mobility safety startup protecting every mobility users

Star Pickers Inc. is a mobility AIoT company providing real-time accident detection and safety data analytics for every mobility users. Our flagship solution, RiderLog, uses motion-based IoT devices and cloud AI to instantly detect collisions and alert emergency contacts.

Solution

- **Mobility Safety Solution:** Accident Detection, Type & Severity Analysis, Automated Alerts.
- All-in-one solution for real-time accident, theft, and risky driving data.



Company Overview

- **Business Vertical:**
Mobility, Safety, Fintech
- **Client Type:** B2G, B2B, B2B2C
- **Funding Round:** Pre-A

Contact Info

- **Website:**
www.star-pickers.com
- **Email:**
support@star-pickers.com
- **Phone:** +82 70 4415 2662

Problem

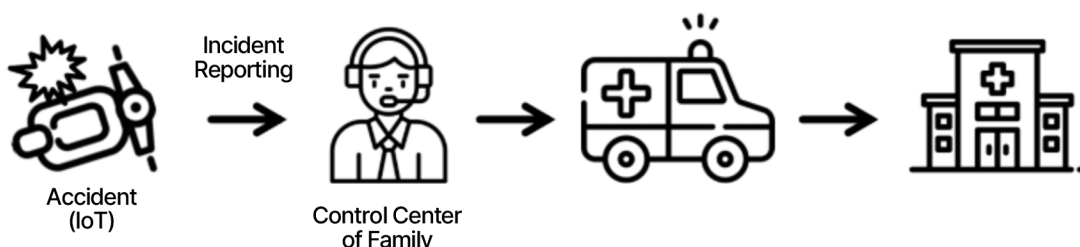
- Saving lives of vulnerable mobility users. (motorcycle, tuk-tuk, powered electrical wheelchair etc.)
- Using mobility safety data to provide inclusive financial services and bridge users' financial gaps.
- Establishing Safe and Sustainable Two-Wheeler Micro-Mobility Ecosystem.

Solution/BM

Full-Service Annual Subscription - Includes IoT device, alerts, dashboard, and APIs.
Hardware + API Only

- Clients purchase IoT hardware
- Monthly API subscription for accident, behavior, theft alerts, etc

Customizable Packages – Tailored by country, fleet size, or user type (fleet/personal).





Big Mobility



Operator of "Truck Helper", an online/offline parking service dedicated to freight trucks

First, the experience and expertise gained from building and operating truck parking lots. Secondly, the company holds a patent for its technology that allows it to search for land suitable for truck parking.



Company Overview

- Business Vertical: Mobility
- Client Type: B2B2C
- Funding Round: Pre-A

Contact Info

- Website: www.bigmobility.co.kr
- Email: daegyseo@truckhelper.co.kr
- Phone: +82 10 2360 5470

Problem

Lack of parking space leads to illegal parking



risk of damage and fines, a vicious cycle

Solution/BM

Regenerating Urban Dead Space into Smart Truck Parking Hubs

Our solution transforms underutilized urban land ("dead space") into profitable, organized truck parking infrastructure. By converting idle or vacant city areas into dedicated parking lots for commercial vehicles, we solve two major problems simultaneously: the shortage of truck parking spaces and the inefficient use of urban land assets.

Key Features:

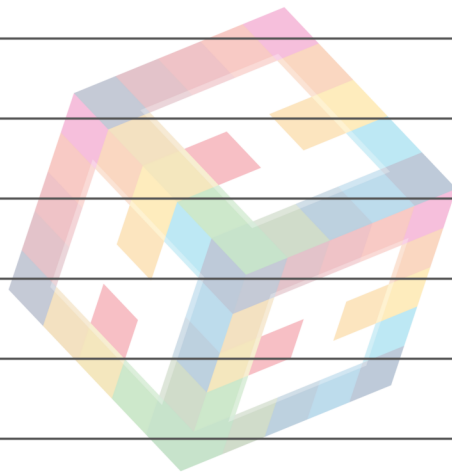
Smart Operation Platform

Integrated monthly pass system and garage verification service for commercial vehicles to ensure safety, efficiency, and transparency.

New Revenue Stream for Landowners

Idle land becomes a steady monthly income source through lease or profit-sharing models.

Memo



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